

GENIUS[®] AUDIO

The Power of Sound



Nitro^{XP}

SUBWOOFERS

User Manual / Manual del Usuario



N9-12D4

N9-15D4



www.geniuscaraudio.com



Introduction:

Thank you for choosing Genius Audio NITRO XP Subwoofers for your vehicle. You had a very good choice, since it is a subwoofer with a technology and quality with very high standards. It is a product that will provide you with a long time of satisfaction, whether you are a person who seeks sound with a high quality for everyday use or a serious competitor, you have made the right choice with Genius Audio.

Introducción:

Gracias por elegir los Subwoofers NITRO XP de Genius Audio para su vehículo. Haz tenido una opción muy acertada, ya que es un subwoofer con una tecnología y calidad con unos standard muy altos. Es un producto que te proporcionara mucho tiempo de satisfacción, ya seas una persona que busca sonido con una alta calidad para uso diario o un serio competidor, haz hecho la elección correcta con Genius Audio.

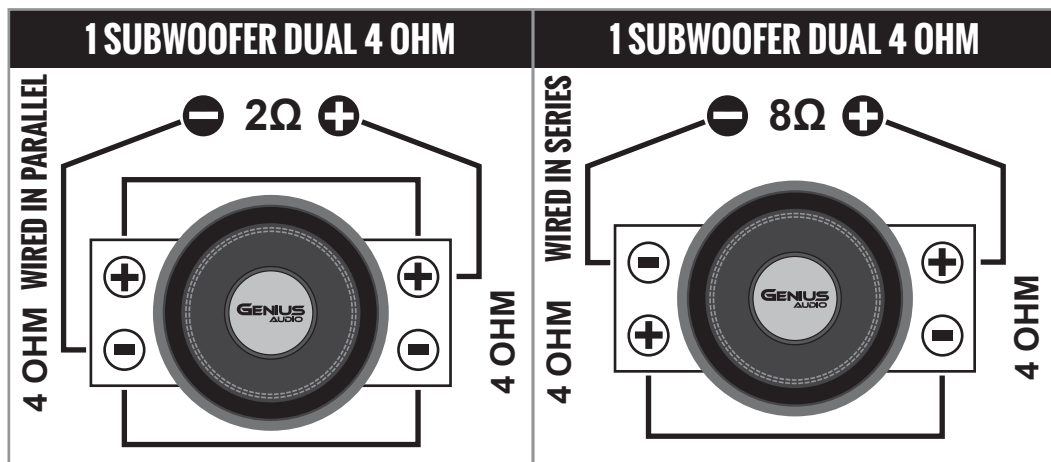
Configuraciones del cableado

Al variar la configuración del cableado de los altavoces, usted puede crear una impedancia de carga que iguale a su sistema de audio Genius. Es importante tomar en cuenta el tipo de configuración final que necesita para su amplificador

Wiring Configurations

By varying the wiring configuration of the speakers, you can create an impedance Charge your Genius audio system. It is important to take into account the type of Configuration you need for your amplifier

Subwoofer Wiring Diagrams “EXAMPLE” Sugerencias de Diagramas de Conexiones

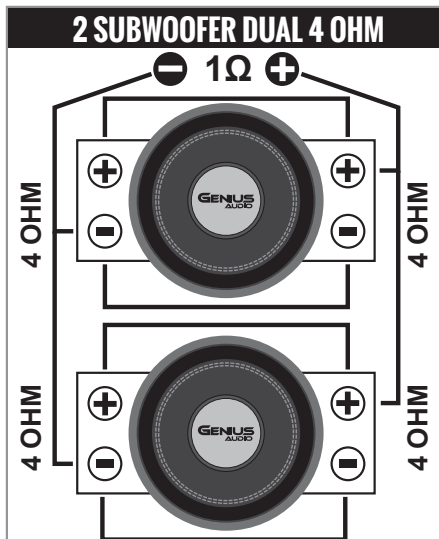


Subwoofer Wiring Diagrams "EXAMPLE"

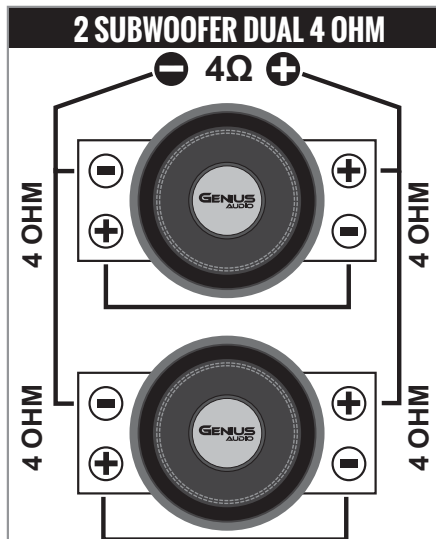
Sugerencias de Diagramas de Conexiones

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SUBWOOFERS

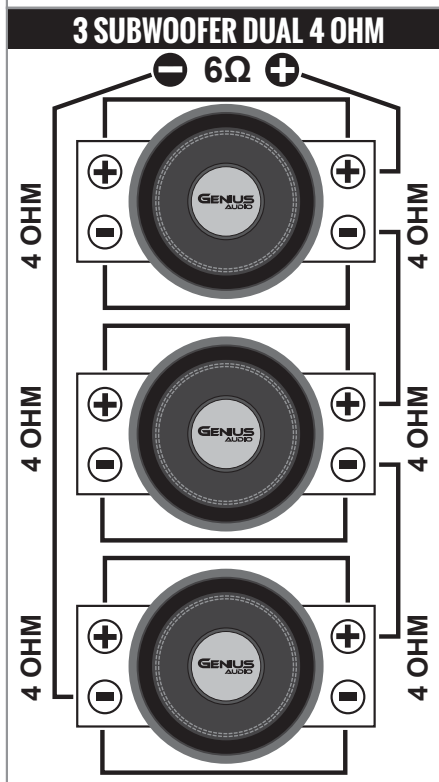
WIRED IN PARALLEL/PARELLEL



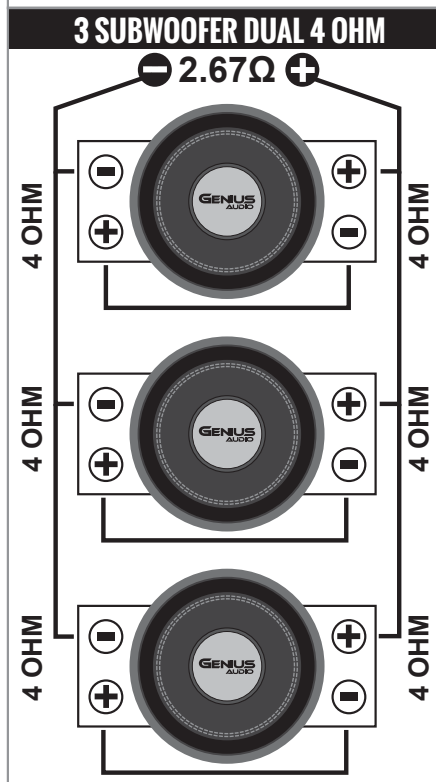
WIRED IN SERIES/PARALLEL



WIRED IN PARALLEL/SERIES



WIRED IN SERIES/PARALLEL



For more information the Wiring Connections please visit: www.geniuscaraudio.com
Más información de Diagramas de Conexiones por favor visite: www.geniuscaraudio.com

N9-12D4

Impedance: Dual 4 Ohms
Sensitivity: 87.9 dB
Watts Rms/Max: 1000W / 2000W
Magnet Oz: Y30 - 2 Pcs - Total 170 Oz
Magnet Size: 3 Inch - 4 Layers
Coil Size: Round Copper
Gasket: Rubber With Logo
Dustcap: Polypropileno
Spider: 2 Pcs
Basket: Aluminium
Material Cone: Non Pressed Paper
Frequency Resp.: 36.50Hz - 350Hz

N9-15D4

Impedance: Dual 4 Ohms
Sensitivity: 87.9 dB
Watts Rms/Max: 1000W / 2000W
Magnet Oz: Y30 - 2 Pcs - Total 170 Oz
Magnet Size: 3 Inch - 4 Layers
Coil Size: Round Copper
Gasket: Rubber With Logo
Dustcap: Polypropileno
Spider: 2 Pcs
Basket: Aluminium
Material Cone: Non Pressed Paper
Frequency Resp.: 35.80Hz - 300Hz

Thiele Small Parameter

		N9-12D4		N9-15D4	
	Value	PARALLEL	SERIES	PARALLEL	SERIES
FS	Hz	39.477	39.901	34.833	35.813
QMS		5.612	5.641	6.26	6.275
VAS	Liters	21.188	21.93	53.358	50.478
GMS	um/N	49.049	50.768	49.54	46.866
MMS	g	331.378	313.387	421.406	421.406
RMS	kg/s	13.9	13.92	14.73	15.1
XMAX	mm	18	18	18	18
XMECH	mm	22.4	22.4	22.4	22.4
DIA	mm	265	265	333	333
SD	sq.cm	551.55	551.55	870.92	870.92
VD	liters	7.36	7.36	8.7	8.7
QES		0.596	0.627	0.742	0.74
RE	ohms	1.5	6	1.5	6
LE	mH	2.215	8.461	1.943	8.028
BL	Tm	14.377	27.412	13.656	27.733
PE	watts	1000	1000	1000	1000
QTS		0.539	0.565	0.663	0.662
NO	%	0.265	0.268	0.297	0.303
1M/TW-SPL	dB	86.51	86.65	86.75	86.8
2.83V SPL	dB	92.66	89.41	94.09	89.59